Appendix S4

To illustrate the impression of both the effects (E) and effect sizes (ES) of the predictors group and pain duration on the test score the first test of the tapping task (Tapping dominant) will be explained.

The effect for group for the test Tapping dominant is  (Table 4a).

The effect size of group for the Tapping dominant test is:

 (6)

This means the control group  performs better on the Tapping dominant test compared to the patient group . This range  is 18% of the total test score range  of the cognitive test Tapping dominant.

The effect of pain duration for the test Tapping dominant is  (Table 4b).

Thus, the effect size of pain duration for the Tapping dominant test is:

 (7)

This means low pain duration  will lead to a better cognitive functioning on this test compared to high pain duration . This range  is  of the total test score range  of the psychomotor test Tapping dominant.